

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	617	510/433.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/30 16:11
S1	0	"didecyl dimethyl ammonium" and "octyl sulfate" and "dimethyl-n-octylamine oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:55
S2	604	"didecyl dimethyl ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:32
S3	12	S2 and "octyl sulfate"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:57
S4	1	"amine oxide" same "bridging surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:58
S5	14	"bridging surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 16:58
S6	275	"amine oxide" same "shampoo"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:27
S7	224	"sodium lauryl sulfate" same "cationic surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:31

## EAST Search History

S8	2	"quaternary ammonium" same "shampoo"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:35
S9	95	"ternary surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:44
S10	1298	"amine oxide" and (alkyl adj1 (sulfate sulfonate)) and "quaternary ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:03
S11	1086	S10 and (detergent shampoo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:47
S12	695	S11 and (@rlad<"20000914" or @ad<"20000914")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 17:49
S13	42	"amine oxide" and (alkyl adj1 (sulfate sulfonate)) and "didecyl dimethyl ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:38
S14	72	alkanolamide same "cationic surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:39
S15	604	"didecyl dimethyl ammonium"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:57

## EAST Search History

S16	21	S15 same "cationic surfactant"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:56
S17	349	"didecyl dimethyl ammonium" and (sulfate sulfonate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:58
S18	1678110	S17 and amine oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:58
S19	152	S17 and "amine oxide"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/04/27 18:58